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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(15) Information about Correction:

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/19431

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/20, 7/14

US CL : 455/411, 418, 419, 422, 552.1, 550.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 455/411, 418, 419, 422, 552.1, 550.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST SEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,P	US 6,546,246 B1 (BRIDGES et al) 08 April 2003, col. 11, lines 10-25, col. 16, line 1 to col. 18, line 45.	1-19
Y	US 5,854,978 A (HEIDARI) 29 December 1998, col. 2, lines 15-58.	1-19
Y,P	US 6,546,250 B1 (TURCOTTE et al) 08 April 2003, col. 6, lines 1 to col. 21.	1-19

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

08 July 2004 (08.07.2004)

Date of mailing of the international search report

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Jean A Gelin

Telephone No. (703) 305-4847